

ABSTRACT OF THE DISCLOSURE

A method of supporting a user in mechanically analyzing a performance of an object, including the steps of: graphically displaying a generalized model which is constructed as a numerical analysis model for the object such that the generalized model has been generalized with respect to at least configuration of the object, and has been specialized with respect to a function of the object; displaying an item for letting the user enter data in order to define a specialized model which is constructed as a numerical analysis model for the object by specializing the displayed generalized model with respect to the at least configuration thereof; and mechanically analyzing the performance of the object, on the basis of the specialized model defined, a numerical analysis approach predetermined in correspondence with the function of the object, and a numerical analysis condition.